

MHz CRYSTAL Part Numbering System

Example Part Number:

CM309S 25.000M A B J -UT

Product Family

For example:

CSA310
CSA309
CMR309T
CMR310T
HC49US
HCM49
CM309S
CS20
CS10
CS325

Frequency

Numerical Value,
maximum characters as
follows:

XX.XXXXXX
followed by "M" for MHz

Packaging method

TR Tape & Reel

B Bulk

-UT RoHS Compliant
Tape & Reel

-UB RoHS Compliant
Bulk

Load Capacitance

A	Series	L	22.0pf	T	14.0pf
E	12.0pf	M	25.0pf	U	17.0pf
F	12.5pf	N	30.0pf		
G	13.0pf	O	32.0pf		
H	15.0pf	P	33.0pf		
I	16.0pf	Q	10.0pf		
J	18.0pf (Std)	R	50.0pf		
K	20.0pf	S	11.0pf		

...others to be assigned

Frequency Stability [over Listed Temp.]

A	+/-30ppm (-10 to +60°C) •	M	+/-60ppm (-40 to +85°C) •
B	+/-50ppm (-10 to +60°C) (Std)	N	+/-80ppm (-40 to +85°C) •
C	+/-100ppm (-10 to +60°C) •	O	+/-30ppm (-20 to +70°C) •
D	+/-20ppm (-10 to +60°C) •	P	+/-40ppm (-20 to +70°C) •
E	+/-10ppm (-10 to +60°C) •	Q	+/-50ppm (-20 to +70°C) •
F	+/-30ppm (-40 to +85°C) •	R	+/-60ppm (-20 to +70°C) •
G	+/-50ppm (-40 to +85°C) •	S	+/-70ppm (-20 to +70°C) •
H	+/-100ppm (-40 to +85°C) •	T	+/-80ppm (-20 to +70°C) •
I	+/-20ppm (-40 to +85°C) •	U	+/-80ppm (-40 to +100°C) •
J	+/-10ppm (-40 to +85°C) •	V	+/-100ppm (-40 to +100°C) •
K	+/-150ppm (-40 to +85°C) •	W	+/-150ppm (-40 to +100°C) •
L	+/-200ppm (-40 to +85°C) •	X	+/-200ppm (-40 to +100°C) •
		DI	+/-20ppm (-20 to +70°C) •

Frequency Tolerance [at 25C]

A	+/-30ppm (Std)
B	+/-50ppm •
C	+/-100ppm •
D	+/-20ppm •
F	+/-15ppm •
G	+/-25ppm •

•Consult Citizen